



MAGNETIC STRIPE TIMING TRACK USED TO
ELIMINATE OPTICAL ENCODER

STANDARD ISO TRACK #1
STANDARD ISO TRACK #2
STANDARD ISO TRACK #3
NEW TIMING TRACK TO ELIMINATE OPTICAL ENCODER
MAGNETIC STRIPE CARD

FIG. 1.



↑ 0.223" ↓		RECORDING DENSITY (bits per inch)	CHARACTER CONFIGURATION (including parity bit)	INFORMATION CONTENT (including control characters)
0.110"	TRACK 1 IATA	210 BPI	7 BITS PER CHARACTER	79 ALPHANUMERIC CHARACTERS
0.110"	TRACK 2 ABA	75 BPI	5 BITS PER CHARACTER	40 NUMERIC CHARACTERS
0.110"	TRACK 3 THRIFT	210 BPI	5 BITS PER CHARACTER	107 NUMERIC CHARACTERS

FIG. 2.

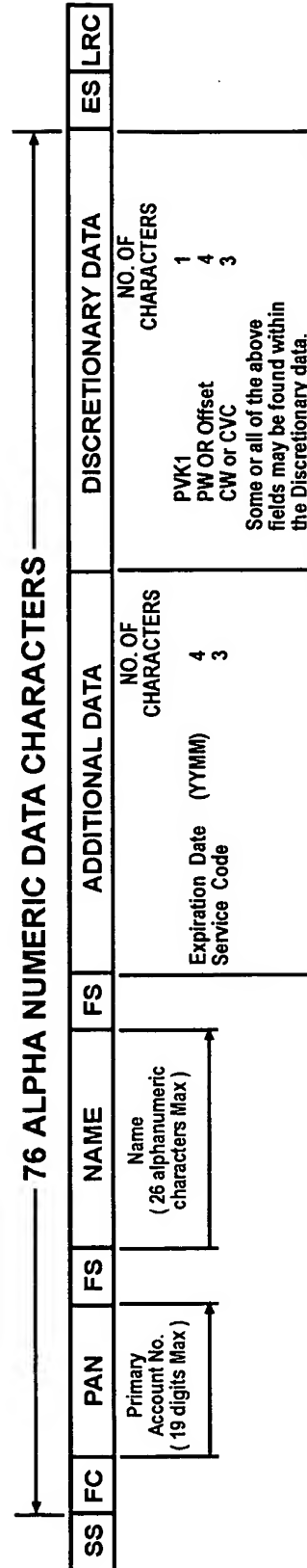


FIG. 3.



3/5

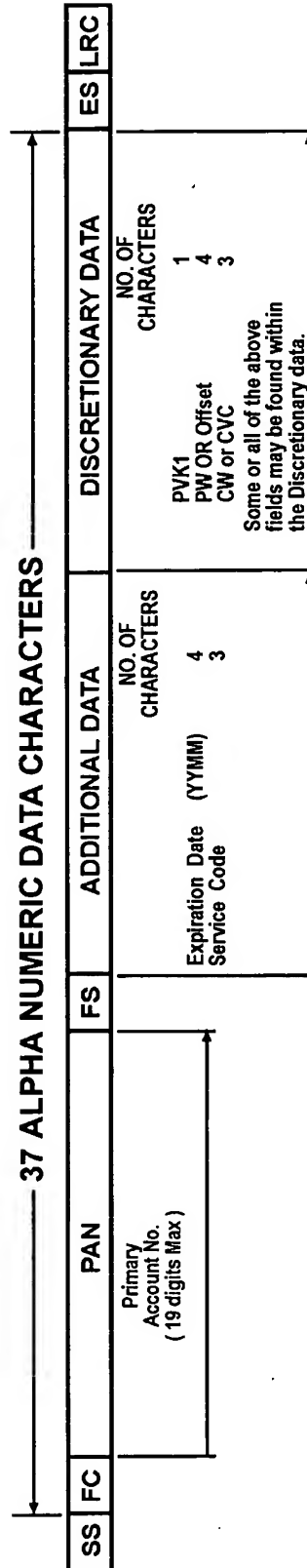


FIG. 4.



104 ALPHA NUMERIC DATA CHARACTERS					
SS	FC	PAN	FS	USE AND SECURITY DATA	ADDITIONAL DATA
		Primary Account No. (19 digits Max)		NO. OF CHARACTERS	NO. OF CHARACTERS
				Country Code (opt.)	First Subsidiary Account Number (opt.)
				Currency Code	
				Currency Exponent	
				Amount Authorized per Cycle	Secondary Subsidiary Account Number (opt.)
				Amount Remaining this Cycle	
				Cycle Begin (Validity Datae)	
				Cycle Length	Relay Marker
				Retry Count	
				PIN Control Parameters	
				Interchange Control	Cryptographic Check Digits (opt.)
				PAN Service Restriction	
				SAN-1 Service Restriction	
				SAN-2 Service Restriction	Discretionary Data
				Expiration Date (opt.)	
				Card Sequence Number	
				Card Security Number (opt.)	

FIG. 5.

FIG. 6.

